

## PAX5 Antibody [clone PAX5/2060] (V7996)

Catalog No.	Formulation	Size
V7996-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7996-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7996SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	PAX5/2060
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	Q02548
<b>Localization</b>	Nuclear
<b>Applications</b>	ELISA (order BSA-free Format For Coating) : Western Blot : 1-2ug/ml
<b>Limitations</b>	This PAX5 antibody is available for research use only.



## Description

The PAX5 gene is a member of the paired box (PAX) family of transcription factors. The central feature of this gene family

is a novel, highly conserved DNA-binding domain, known as the paired box. The PAX proteins are important regulators in early development, and alterations in the expression of their genes are thought to contribute to neoplastic transformation. The PAX5 gene encodes the B-cell lineage specific activator protein (BSAP) that is expressed at early, but not late stages of B-cell differentiation. Its expression has also been detected in developing CNS and testis; therefore, PAX5 gene product may not only play an important role in B-cell differentiation, but also in neural development and spermatogenesis.

## **Application Notes**

Optimal dilution of the PAX5 antibody should be determined by the researcher.

## **Immunogen**

Full length human recombinant protein was used as the immunogen for this PAX5 antibody.

## **Storage**

Store the PAX5 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).